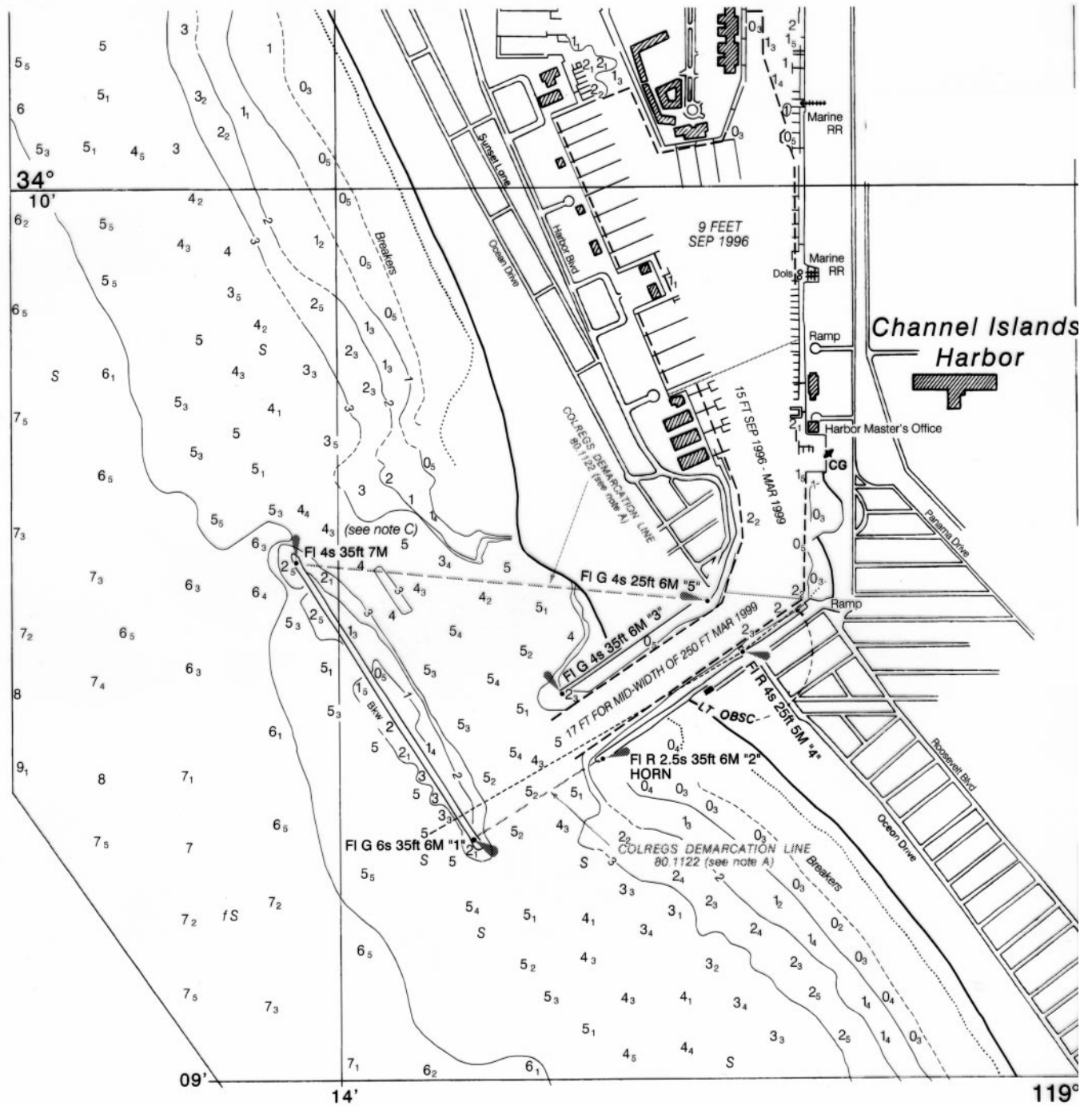


CHART 18725 (INSET CHANNEL...HUENEME)

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SECTION I

NM 42/99

CHART 18453

NM 42/99

HYLEBOS WATERWAY TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS SURVEYS TO APR 1999							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
COMMENCEMENT BAY TO E. 11TH ST. BRIDGE	27.5	29.7	27.6	4-99	200	1.0	30
THENCE TO BEND	26.6	29.7	25.3	4-99	200	0.5	30
THENCE TO LOWER TURNING BASIN	27.2	29.4	26.3	4-99	300-200	0.35	30
LOWER TURNING BASIN	22.1	28.8	30.8	4-99	200-510	0.24	30
THENCE TO UPPER TURNING BASIN	28.8	30.3	28.0	4-99	200	0.35	30
UPPER TURNING BASIN	23.5	23.1	25.9	4-99	200-760	0.28	30
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

CHART 18521

NM 42/99

COLUMBIA RIVER CHANNEL DEPTHS ENTRANCE TO MILLER SANDS RANGE TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JULY 1999							
* SEE FOOTNOTE					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH * (MILES) DEPTH * (FEET)
ENTRANCE RANGE	59	57	51	42	6-99	2640	3.3 48
SAND ISLAND RANGE (CLATSOP SPIT)	54	53	49	42	6-99	2640	2.2 48
LOWER DESDEMONA SHOAL	45	46	46	41	5, 7-99	600	3.4 40
UPPER DESDEMONA SHOAL	37	45	46	46	7-99	600	3.7 40
TANSY POINT TURN AND RANGE	37	38	40	38	6-99	600	4.7 40
ASTORIA RANGE	40	40	40	41	6-99	600	2.7 40
TONGUE POINT CHANNEL	38	41	41	42	7-99	600	2.2 40
HARRINGTON POINT RANGE	39	40	40	37	7-99	600	2.6 40
MILLER SANDS RANGE	40	42	41	39	7-99	600	2.2 40
* CONTROLLING DEPTHS IN CHANNELS ENTERING FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER FROM THE ENTRANCE TO HARRINGTON POINT AND COLUMBIA RIVER DATUM ABOVE THAT POINT. PROJECT LENGTHS ARE IN STATUTE MILES. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

CHART 18521

NM 42/99

BAKER BAY WEST CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUNE 1999							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
DAY BEACON #6 TO FORT CANBY	11	14	13	06-99	150	1.3	10
THENCE TO ILWACO	10	11	9	06-99	150	0.9	10
MOORING BASIN A B	3	3	3	1980	-	-	-
A. SHOALING TO 2 FEET ON RIGHT HALF, BETWEEN THE BREAKWATERS. B. BASIN LOCALLY MAINTAINED. NO RECENT SURVEYS AVAILABLE. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

CHART 18581

NM 42/99

YAGUINA BAY AND RIVER CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 1999							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
CHANNEL ENTRANCE 44°36'23"N, 124°05'24"W TO FIRST TURN	24	24	27	6,8-99	400-300	1.3	40-30
THENCE TO TURNING BASIN	24	29	25	6-99	300-400	1.3	30
TURNING BASIN	16	22	23	6-99	300-1200	0.3	30
THENCE TO YAGUINA	15	12	12	7-98	200	1.6	18
THENCE TO END OF PROJECT	02A	07	05B	7-98	150	9.7	10
A. SHOAL TO BARE AT 44°36'57.7"N, 123°56'34.2"W. B. SHOAL TO BARE AT 44°36'42.0"N, 123°56'55.5"W. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

CHART 18581



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